

OCT 14 2004

**FAX TRANSMISSION****DATE:** October 14, 2004**PTO IDENTIFIER:** Application Number 10/085906-Conf. #5219  
Patent Number**Inventor:** Vincent LING et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** LAHIVE & COCKFIELD, LLP

Cynthia L. Kanik, Ph.D.

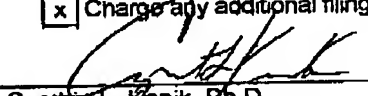
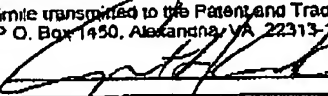
**PHONE:** (617) 227-7400**Attorney Dkt. #:** GNN-5343CP2**PAGES (Including Cover Sheet):** 8**CONTENTS:** Amendment in Response to Non-Final Office Action (6 pages); and  
Amendment Transmittal (1 page).

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OCT 14 2004

AMENDMENT TRANSMITTAL LETTER				Docket No. GNN-5343CP2	
Application No. 10/085906-Conf. #5219		Filing Date February 27, 2002		Examiner Juliet C. Switzer	
				Art Unit 1634	
Applicant(s): Vincent LING et al.					
Invention: POLYMORPHIC ELEMENTS IN THE COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	11	- 20 =		x	
Independent Claims	3	- 5 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0 00
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____ A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card Form PTO-2038 is attached					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Cynthia L. Kanik, Ph.D. Attorney Reg. No. 37,320  LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400				Dated <u>October 14, 2004</u>	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-8308 at MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. Dated <u>October 14, 2004</u> Signature  (Cynthia L. Kanik, Ph.D.)					

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Docket No.: GNN-5343CP2  
(PATENT)

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Dated, October 14, 2004

Signature

(Cynthia L. Karik, Ph.D.)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Vincent Ling *et al.*

Application No.: 10/085906

Art Unit: 1634

Filed: February 27, 2002

Examiner: Juliet C. Switzer

For: POLYMORPHIC ELEMENTS IN THE  
COSTIMULATORY RECEPTOR LOCUS AND  
USES THEREOF

**AMENDMENT IN RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Notice of Non-Compliant Amendment dated September 14,  
2004, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on  
page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.